Journal of Forecasting, Vol. 10, v–viii (1991)

Contents

Volume 10, Issue Nos 1–6
JOURNAL OF FORECASTING

Issue Nos 1 & 2, January

Special Issue: Forecasting Environmental Change
Guest Editor: M. B. Beck

Foreword 1

Forecasting Environmental Change: *M. B. Beck*..... 3

Prediction of Seasonal Rainfall in the Sahel Region Using Empirical and Dynamical Methods: *C. Folland, J. Owen, M. N. Ward and A. Colman* 21

Recursive Forecasting, Smoothing and Seasonal Adjustment of Non-Stationary Environmental Data: *P. C. Young, C. N. Ng, K. Lane and D. Parker* 57

The Application of Numerical Models to Assess Dispersion and Deposition in the Event of a Nuclear Accident: *H. M. ApSimon and J. Wilson*..... 91

Hydrological Effects of Changes in Levels of Atmospheric Carbon Dioxide: *D. M. Wolock and G. M. Hornberger*..... 105

Parameter Sensitivities, Monte Carlo Filtering, and Model Forecasting Under Uncertainty: *K. A. Rose, E. P. Smith, R. H. Gardner, A. L. Brenkert and S. M. Bartell* 117

Uncertainty, Identifiability and the Propagation of Prediction Errors: A Case Study of Lake Ontario: *M. B. Beck and E. Halfon*..... 135

Uncertainty Propagation and Speculation in Projective Forecasts of Environmental Change: a Lake–Eutrophication Example: *G. van Straten and K. J. Keesman*..... 163

Prediction Uncertainty in an Ecological Model of the Oosterschelde Estuary: *O. Klepper, H. Scholten and J. P. G. van de Kamer*..... 191

Accommodating Structural Change in Environmental Systems: The Approach of Qualitative Simulation: *M. J. F. Seixas, A. Camara, M. P. Antunes and M. Pinheiro*..... 211

Indexed or abstracted by 'Anbar Abstracts', 'COREJ', 'Cambridge Sci. Abstracts', 'Current Contents', 'Current Index to Statistics', 'Executive Sciences Inst. Inc.', 'Int. Abst. in Operations Research', 'Management Contents Inc.', 'Public Affairs Info Service', 'Social Sciences Citation Index', 'Sociological Abstracts Inc.', 'Statistical Theory & Method Abstracts', 'VINITI-USSR Acad. of Sciences'.

Issue No. 3, May

Sources of Error in Forecasts and Expectations: U.K. Economic Models, 1984–88: *K. F. Wallis and J. D. Whitley* 231

Merging Monthly and Quarterly Forecasts: Experience with MQEM: *E. P. Howrey, S. H. Hymans and M. R. Donihue* 255

Estimating Trend Growth Rates of the U.K. Monetary Aggregates: *T. C. Mills* 269

Forecasting the Italian Industrial Production Index in Real Time: *G. Bodo, A. Cividini and L. F. Signorini* 285

Bushfire Rate-of-Spread Forecasting: Deterministic and Statistical Approaches to Fire Modelling: *T. Beer* 301

System Identification and Validation for Output Prediction of a Dynamic Hydrologic Process: *A. J. Jakeman, G. A. Thomas and C. R. Dietrich* 319

Issue No. 4, July

Analysis and Prediction of the Population in Spain: 1910–2000: *A. García-Ferrer and J. del Hoyo* 347

The Impact of Forecasting Methodology on the Accuracy of National Population Forecasts: Evidence from The Netherlands and Czechoslovakia: *N. Keilman and T. Kučera* 371

Forecasting Market Potential and Market Penetration of Residential Water Heater Load Control Programs: *L. L. Wood and J. A. Mauskopf* 399

Criterion-referenced Judgemental Forecasting Models: *W. E. Remus* 415

Models for the Assessment of the Value of Forecast Information: *D. B. Lawrence* 425

Issue No. 5, September

Multiple Prediction Intervals for Time Series: Comparison of Simultaneous and Marginal Intervals: *N. Ravishanker, L. S.-Y. Wu and J. Glaz* 445

Automatic ARIMA Modelling by the Cartesian Search Algorithm: *R. Höglund and R. Östermark* 465

Simultaneous Transfer Functions versus Vector ARMA Models: *C. Grillenzoni* 477

Forecasting Non-Normal Time Series: *A. L. Swift and G. J. Janacek* 501

Dynamic Relationship Analysis of US Gasoline and Crude Oil Prices: *L.-M. Liu* 521

Issue No. 6, November

When and How to Use Scenario Planning: A Heuristic Approach with Illustration: *P. J. H. Schoemaker* 549

A Bayesian Forecasting Model for Sequential Bidding: *D. N. Attwell and J. Q. Smith* 565

Forecasting for Business Planning: A Case Study of IBM Product Sales: *L. S.-Y. Wu, N. Ravishanker and J. R. M. Hosking* 579

Efficient Use of Information in the Formation of Subjective Industry Forecasts: *R. Fildes* 597

Author Index 619

Keyword Index 621